



DP-311P

Single-Port Wireless Print Server

With Parallel Printer Port & 802.11b Wireless LAN

The DP-311P print server provides a single parallel printer port for connection to a parallel port printer, plus an 802.11b interface for wireless LAN connection. This device lets you cost-effectively share your parallel printer with a group of wireless users at home or in the office. Supporting multiple network operating systems, this device brings a high level of flexibility and performance to your printing needs, without any network wires.

Flexible Deployment

The DP-311P is ideal for both the large office and the small workgroup. For homes and SOHO with just one printer to share, this print server offers a single port and saves you the cost. For the large office with many computer users and several printers scattered at different places, you can plug one print server to each of these printers to share them on the network.

802.11b Wireless LAN Access

With a built-in 802.11b wireless LAN interface, the DP-311P allows your users to conveniently send files to the printer for printing. Compatible with various wireless LAN standards, this print server provides you with excellent network interoperability.

Versatile Functions

The DP-311P print server can directly attach to the parallel port on the back of your printer, eliminating the need to connect a printer cable. A detachable external antenna

provides an efficient operating range for wireless users. You can easily replace this antenna with a higher Gain antenna when a longer operation range becomes necessary. For wireless security, data encryption is provided using the user-selectable 64/128-bit industry-standard WEP (Wired Equivalent Privacy) encryption protocol.

Multiple Network OS Support

The DP-311P supports many network OS, including Windows 95, 98, ME, NT 4.0, XP, Mac with Appletalk, Solaris, SCO Unix and NetWare native NDS. This gives you the flexibility to install the print server, regardless of your network environment.

Easy Setup

Setup the print server is easy with a Windows-based menu-driven program, which guides you through all the necessary steps to set up and configure your network printer. SNMP and latest MIB-II MIBs are also built into the print server, allowing you to manage this device on any SNMP standard-based network.

Key Features

- Parallel printer port connects to printer
- Built-in 802.11b wireless LAN with detachable dipole antenna
- Prints files from Windows, Unix, NetWare
- Windows-based program for easy setup/management of print jobs
- Large flash memory with easy software upgrade
- SNMP and MIB-II (RFC 1213) support for platform-independent management
- Easy web-based administration
- Compact, lightweight
- Directly connects to printer's parallel port, no printer cable required

DP-311P

Technical Specifications

Hardware

Printer Port

- Parallel DB-36 male Centronics port
- Bi-directional communication support

LAN Interfaces

802.11b wireless LAN

Memory

Flash: 1MB
SDRAM: 2MB

DIP Switch for Operation Mode

Configuration mode or normal mode

Built-in Wireless LAN

Data Rates

(with auto fall-back)

- 11 Mbps
- 5.5 Mbps
- 2 Mbps
- 1 Mbps

Data Rate & Modulation

- 11Mbps: CCK
- 5.5Mbps: CCK
- 2Mbps: DQPSK
- 1Mbps: DBPSK

Frequency Range

2.4 to 2.4835 Ghz

Modulation Technique

Direct Sequence Spread Spectrum (DSSS)

Operating Channels

- North America (FCC): 11
- Canada (DOC): 11
- Europe (ETSI): 13
- Japan (MKK): 14

Receiver Sensitivity (Data Rate/Sensitivity/Modulation)

- 11Mbps: -82dBm max. (CCK)
- 5.5Mbps: -86dBm max. (CCK)
- 2Mbps: -88dBm max. (DQPSK)
- 1Mbps: -88dBm max. (DBPSK)

Transmitter Output Power

13 to 17dBm (typical 15 dBm)

Antenna

2dBi Gain external dipole detachable antenna (reverse SMA connector)

Operation Range

- Indoors: up to 100 meters (328 feet) *
- Outdoors: up to 300 meters (984 feet) *

* Environmental factors may adversely affect range

Data Encryption

64-bit and 128-bit WEP (Wired Equivalent Privacy) encryption

Software

Configuration & Management

- Web Configuration
- DHCP client
- Windows-based administrative program
- HP Web JetAdmin support
- MIB-II (RFC 1213) for SNMP standard management

Network Protocol Support

- TCP/IP
- NetBEUI
- AppleTalk
- LPR
- SMB (over IP)
- IPX
- IPP (Internet Printing Protocol)

OS Support

- Microsoft Windows ME, NT, 95, 98, 2000, XP
- HP-UX Unix
- Sun Solaris

- SCO Unix
- IBM AIX
- Unix Ware
- NetWare (Bindery/NDS)
- Mac with Apple talk

Software Upgrade

- Through Web browser
- Through TFTP or PS Admin

Environmental & Physical

Power Supply

5V DC, 2.0A

Though external power adapter

Dimensions

224 mm (W) x 149mm (D) x 75mm (H)

Weight

510 grams

Operation Temperature

0 ° to 50 °C

Storage Temperature

-25° to 55 °C

Humidity

5% to 95% non-condensing

Emission (EMI)

- FCC Class B
- CE Class B
- C-Tick

Safety

- UL
- LVD (EN60950)



ACN 052 202 838



Ordering Information

DP-311P

802.11b Wireless Single-Port Parallel Print Server

Please specify your order as follows:

DP-311P/ANA

US standard power adapter, North America frequency

DP-311P/BEU

UK standard power adapter, EU frequency

DP-311P/EEU

EU standard power adapter, EU frequency

DP-311P/NEU

Australia standard power adapter, EU frequency

DP-311P/CN

China standard power adapter, China frequency

DP-311P/ENA

EU standard power adapter, North America frequency

D-Link®

Specifications subject to change without prior notice.
D-Link is a registered trademark and D-LinkAir is a trademark of D-Link Corporation/D-Link System Inc. All other trademarks belong to their proprietors.

U.S.A	TEL: 1-949-788-0805	FAX: 1-949-753-7033
Canada	TEL: 1-905-8295033	FAX: 1-905-8295095
Europe	TEL: 44-20-8731-5555	FAX: 44-20-8731-5511
Germany	TEL: 49-6196-77990	FAX: 49-6196-7799300
France	TEL: 33-1-30238688	FAX: 33-1-30238689
Benelux	TEL: 31-10-2045740	FAX: 31-10-2045880
Italy	TEL: 39-2-2900-0676	FAX: 39-2-2900-1723
Iberia	TEL: 34-93-4090770	FAX: 34-93-4910795
Sweden	TEL: 46-(0)8564-61900	FAX: 46-(0)8564-61901
Norway	TEL: 47-22-309075	FAX: 47-22-309085
Denmark	TEL: 45-43-969040	FAX: 45-43-424347
Finland	TEL: 358-9-2707-5080	FAX: 358-9-2707-5081
Singapore	TEL: 65-6774-6233	FAX: 65-6774-6322
Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868
Japan	TEL: 81-3-5434-9678	FAX: 81-3-5434-9868
China	TEL: 86-10-8518-2533	FAX: 86-10-8518-2250
India	TEL: 91-22-652-6696	FAX: 91-22-652-8914
Egypt	TEL: 202-62-44615	FAX: 202-62-44583
UAE	TEL: 971-4-3916480	FAX: 971-4-3908881
Turkey	TEL: 90-212-335-2525	FAX: 90-212-335-2500
Israel	TEL: 972-9-9715700	FAX: 972-9-971-5601
Chile	TEL: 56-2-232-3185	FAX: 56-2-232-0923
Brasil	TEL: 55-11-3094-2910	FAX: 55-11-3094-2921
South Africa	TEL: 27(0)1266-52165	FAX: 27(0)1266-52186
Russia	TEL: 7-095-737-3389	FAX: 7-095-737-3390
Taiwan	TEL: 886-2-2910-2626	FAX: 886-2-2910-1515
D-Link Corp.	TEL: 886-2-2916-1600	FAX: 886-2-2914-6299



RECYCLABLE
Rev. 01 (Aug. 2003)